

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900001-6
1. Управляемый Краснодарской краевой Фондом Промбанка 134900001-6
(Krasnodar Territory--Banks and banking) (Construction industry--Finance)

MOKROUSOV, Ye.

Improve the financing of oil and gas drilling. Fin. SSSR 16
no.10:45-48 0 155. (MLRA 9:2)

1.Upravlyayushchiy Krasnodarskoy krayevey kontorey Prembanka.
(Oil well drilling--Finance)

LAVRENT'YEVA, V.Z.; MOKROUSOV, V.V.

Results of the work of the central district pharmacies of
Stavropol Territory in the consolidated districts. Apt.
depo 13 no.5:10-13 S-0 '64.

(MIRA 18:3)

1. Tsentral'nyy aptechnyy nauchno-issledovatel'skiy institut,
Moskva.

KRIKOV, V.I., starshiy prepodavatel'; MOKROUSOV, V.V.; BIL'DIN, V.P.

Eliminate factors hindering the further development of the pharmaceutical service. Apt.delo 9 no.1:3-6 Ja.-F '60.

(MIRA 13:6)

1. Pyatigorskiy farmatsevicheskiy institut (for Krikov). 2. Up-ravlyayushchiy Stavropol'skim kfayevym aptechnym upravleniyom (for Mokrousov). 3. Upravlyayushchiy aptekoy No.2 Kislovodsku (for Bil'din).

(DRUGSTORES)

MOKROUSOV, V. P. Cand Geol-Mineral Sci -- (diss) "Stratigraphy of the Metamorphic Layers of the Sredinnyy and Ganal'skiy Ranges on Kamchatka Peninsula," Leningrad, 1960, 20 pp, 150 copies (All-Union Petroleum Sci Res Geological Prospecting Institute, "VNIGRI") (KL, 47/60, 99)

MOKROUSOV, V.P.

Metamorphism of Pre-Mesozoic rocks in the Sredinnyy Range (Kamchatka Peninsula). Izv.vys.ucheb.zav.; geol. i razv. 1 no.11:30-33 N '58.
(MIRA 12:11)

1. Leningradskiy gornyy institut.
(Sredinnyy Range--Rocks, Crystalline and metamorphic)

MOIROUSOV, V.P.; TOLSTIKHIN, O.N.

Geological structure and oil potential of the southern part
of the Kamchatka Peninsula. Sov.geol. 1 no.11:16-25 N '58.
(MIRA 12:4)

1. Pyatoye geologicheskoye upravleniye.
(Kamchatka Peninsula--Petroleum geology)

Introduction to the Theory of Flotation

SOV/3644

of flotation are P. A. Rebinder, Academician; I. N. Plaksin, Corresponding Member, Academy of Sciences USSR; A. M. Frumkin; and B. V. Deryagin. Numerous references, principally Soviet, appear at the end of each part.

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Card 2/11

MOKROUSOV, V A.

PHASE I BOOK EXPLOITATION SOV/3644

Klassen, Villi Ivanovich, and Vladimir Alekseyevich Mokrousov

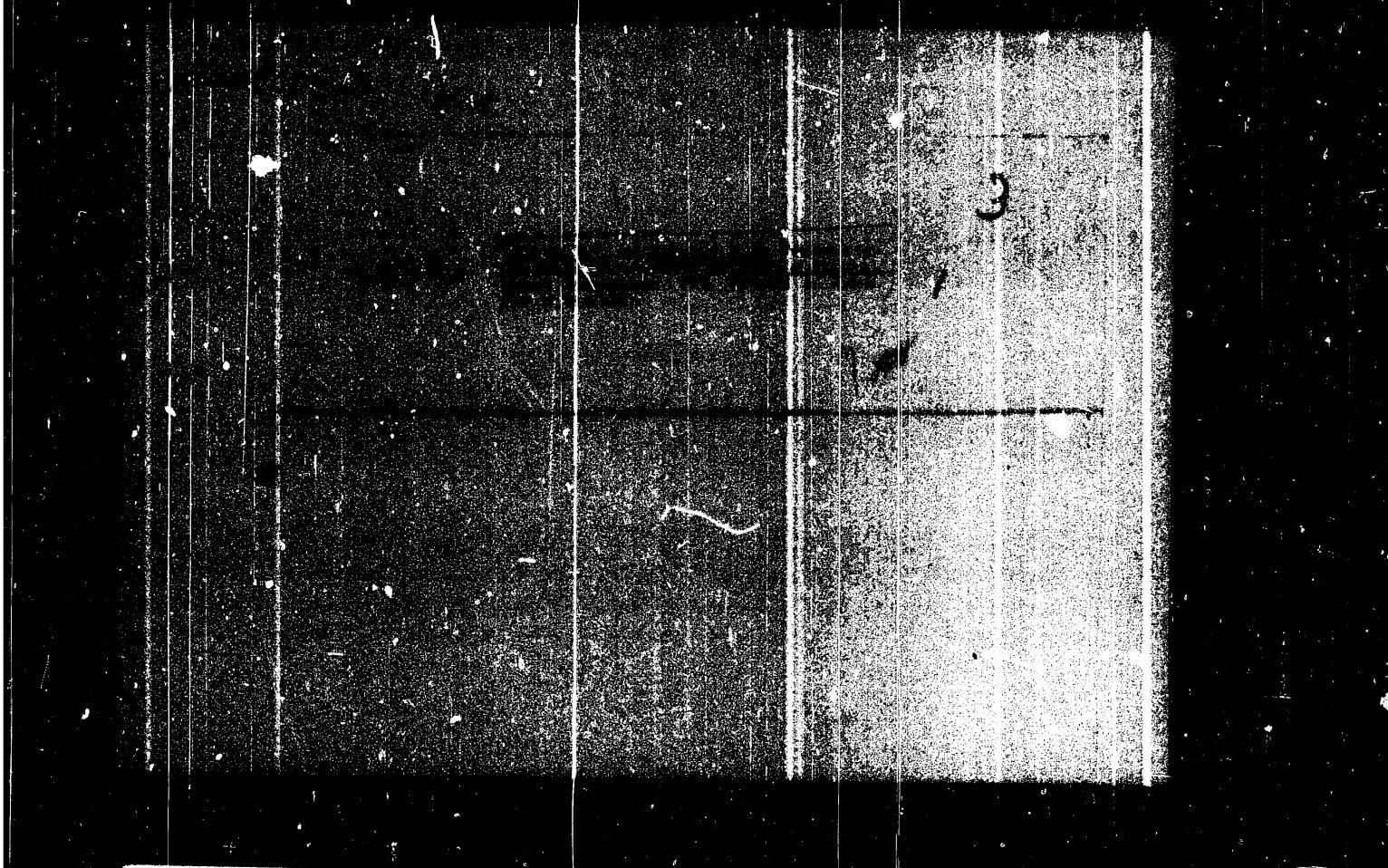
Vvedeniye v teoriyu flotatsii (Introduction to the Theory of Flotation), 2d ed., partly rev. and enl., Moscow, Gosgortekhizdat, 1959. 636 p.
Errata slip inserted. 3,000 copies printed.

Revisor of Ed.: V. I. Klassen; Reviwer: S.I. Krokhin, Docent; Ed.:
A. V. Troitskiy, Ed. of Publishing House: M. L. Yezdokova; Tech. Ed.:
M. K. Attopovich.

PURPOSE: This book is intended for scientific and technical personnel in the field of ore concentration. It may also be useful to students taking courses in flotation at mining, metallurgical, and other industrial institutes.

COVERAGE: The book explains the principles of flotation, based on recent investigations in the field. Matters such as flotation characteristics of minerals and water, bubble-attachment processes, operational properties of principal flotation reagents and the mechanism of their action, and pulp-aeration processes are discussed from the point of view of their interrelation. Practical conclusions are drawn from a number of theoretical assumptions. Personalities mentioned for their contributions in the field
~~Card 1/12~~

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KLAUSIN, V.I.; MOKROUSHOV, V.A.; PLAKSIN, I.N., retezennent; TROIPEKII, A.V.,
gornyi direktor, retzennent.

[Introduction to the flotation theory] Vvedenie v teoriyu flotatsii.
Moskva, Gos. nauchno-tekh. izd-vo lit-ry po chernoi i tsvetnoi
metallurgii, 1953. 463 p. (MIRA 7:8)

1. Chlen-korrespondent AN SSSR (for Plaksin)
(Flotation)

CA

9

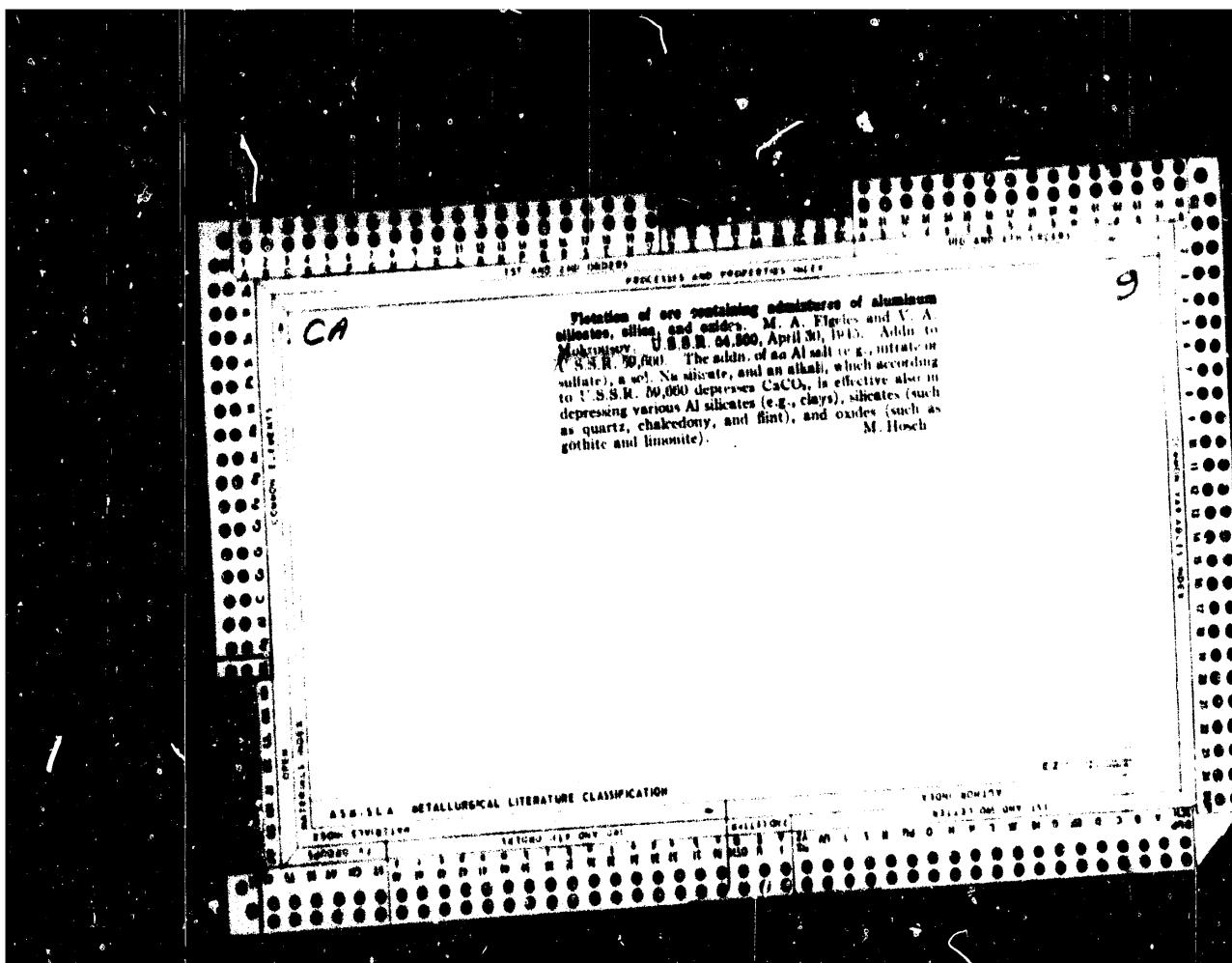
Selective attaching of xanthogenate to minerals as result of the Mendeleev periodic law. N.-A. Makhmudov, Gornyi Zhur., 123, No. 2, 32-8 (1949). The fixing of a solution collector onto a mineral surface is considered as an atom-mol. interaction and is discussed from the point of view of wave mechanics and the Mendeleev periodicity law. The attaching ion in xanthogenate is S. With other elements S forms ionic compds. and covalent compds. Thus, S atom can be in a state of resonance with atoms of elements having a definite electronegativity. This electronegativity should not be much less than the electronegativity of S nor should it be equal or exceed the electronegativity of S. Since the resonance enhances the bond between S and the other atom, therefore the resulting compd. will be the most stable of S compds. Valency resonance depends on the relative magnitudes of electronegativity of the interacting atoms. The electronegativity of an atom depends on the configuration of the external shell electrons and is determined by the position of the element in the periodic table. The atoms which enhance the fixation of xanthogenate on a mineral surface, i.e., the atoms in the mineral which enter with S into a resonance bond, are in the odd numbered series of the long periods left of group 6 (series 5 Cu, Zn, Ga, Ge, and As; series 7 As, Cd, In, Sn, and Sb; and series 9 Au, Hg, Te, Pb, and Bi) and in the VIIa group (Fe, Co, Ni, Ru, Rh, Pd, Os, Ir, and Pt). While the presence in the mineral of an atom resonating with S is mandatory for the xanthogenate to be fixed on the mineral yet the strength of this fixation is affected also by the mineral's anion. M. Roseh

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MCKROUSOV, V. A.

"The Incompetence of the Views of Some American
Scientists on the Theory of the Flotation Process,"
Gor. Zhur., No. 5, 1948. Chem. Tech. Sci.

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MOKROUSOV, P.A.

Mining practices of Kimovo strip mine. Ugol' 35 no.3:
18-19 Mr '60.
(Tula Basin--Strip mining)

MOKROUsov, P.A.

Greater attention to an important problem. Mast.ugl. 9 no.2:
12 F '60. (MIRA 13:7)

1. Instruktor Tsentral'nogo komiteta profsoyuza rabochikh ugol'noy
promyshlennosti.
(Kuznetsk Basin--Hydraulic mining)

MOKROUSOV, P.A.

Seven-year plan foundation. Mast.ugl. 3 no.9:11 S '59.
(MIR 13:2)
(Lugansk Province--Coal mine and mining--Costs)

MOKROUSOV, P.A.

Mining main drives in the Moscow Coal Basin with use of shields.
Ugol' 33 no. 6:20-25 Je '58. (MIRA 11:6)

1. Uglemetallurgstroy.
(Moscow Basin—Coal mines and mining—Safety measures)

MOKROUSOV, P.A.

Mechanization of coal drifting by PK-2m combines. Byul. tekhn.-ekon.
(MIREA 11:6)
inform. no.3:4-5 '58.
(Coal mines and mining)

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USSR/Mining Methods

Oct 48

Coal

"Utilization of Hydromechanization at Open-Pit
Mining in the Coal Industry," P. A. Mokrousov,
Mining Engr, 3 pp

"Ugol'" No 10

Describes development of subject branch of mining in
USSR 1943-1947; 10,70¹ cu m of coal have been mined
by hydromechanical means. Method has been used most
in "Korkinugol" trust. Mentions other areas where
developments are in progress. Described system used,
with eight tables, and two sketches.

32/49T74

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900001-6
Licht) of the northwestern Caspian region and its role in the epizootology of
plague." Saratov, 1960 (Saratov State Order of Labor Red Banner Univ im N. G.
Chernyshevskiy). (KL, 1-61, 188)

PAVLOV, A.N.; LASKINA, A.V.; MOKROUSOV, N.Ya.; DUNKACH, G.P.

Intra-and interspecific contacts of gerbils in Charnyye Zemli
and the ilmen area of the northwestern part of the Caspian Sea
region. Zool.shur. 38 no.7:1089-1100 Jl '59.
(MIRA 12:10)

1. Rostov State Research Anti-Plague Institute and Astrakhan
Anti-Plague Station.
(Caspian Sea region--Gerbils)

SHIRANOVICH, P.I.; MOKROUSOV, N.Ya.; SHADIEVA, KH.G.

Notes on the ecology of the fleas of jerboas in the northwestern
Caspian Sea region. Sbor. nauch. rab. Elist. protivochum. sta.
no. 1:145-153 '59. (MIRA 13:10)
(CASPIAN SEA REGION--FLEAS) (PARASITES--JERBOAS)

b6780

Investigation of the Isothermal Compressibility of Explosives at Pressures of up to S/076/60/034/011/006/024
22,000 kg/cm² B004/B064

good agreement with those of V. S. Ilyukhin who determined them by means of a shock wave at $6 \cdot 10^4$ - $24 \cdot 10^4$ kg/cm². Within the error limits, the measured volume decrement of pure lead, cf which cover 13 was made, was in good agreement with the data of P. W. Bridgman (Ref. 11) and Fr. Birch and R. R. Law (Ref. 12). K. K. Andreyev, Yu. N. Ryabinin, and I. A. Leskovich are mentioned. Academician N. N. Semenov and Professor L.F.Vereshchagin are thanked for interest, and V. G. Babikov, A. I. Molotkov, and V. D. Yashin for assistance. There are 4 figures, 1 table, and 14 references: 8 Soviet, 5 US, and 1 French.

ASSOCIATION: Akademiya nauk SSSR, Institut khimicheskoy fiziki, Moskva
(Academy of Sciences of the USSR, Institute of Chemical Physics, Moscow)

SUBMITTED: February 7, 1959

Card 3/3

Investigation of the Isothermal Compressibility of Explosives at Pressures of up to S/076/60/034/011/006/024
22,000 kg/cm² B004/B064

10. The steel bars are reinforced at their ends by the blocks 4 and 9 made of a β K8 (VK8) tungsten - cobalt alloy, which prevent the bars from being crushed by the pistons 5 and 8. The motion of 5 and 8 is measured by the indicators 1 and 17. The pressure P was measured with a spring manometer which was calibrated against a dynamometer. The experimental error in measuring the volume decrement $\Delta v/v_0$ was $\pm 1\%$, and that in pressure measurement was ± 100 kg/cm². The samples of the explosives were pressed from fine-crystalline powder at 70° or 100°C and 2000 kg/cm², so that their density was close to that of monocrystals. The volume decrements as a function of pressure gave flat curves, concave to the abscissa. At 20,000 kg/cm², their values were 11.9% for trotyl, 10.8% for TEN, and 9.4% for Hexogen. At atmospheric pressure, the density was 1.63 for trotyl, 1.77 for TEN and 1.80 g/cm³ for Hexogen; at 20,000 kg/cm², however, it was 1.65 for trotyl, 1.98 for TEN, and 1.99 g/cm³ for Hexogen. No polymorphous changes were observed. The values obtained for trotyl and Hexogen are in

Card 2/3

86780

S/076/60/034/011/006/024
B004/B064

11.22/6 also 2108

AUTHORS: Vasil'yev, M. Ya., Balashov, D. B., and Mokrousov, L. N.
(Moscow)

TITLE: Investigation of the Isothermal Compressibility of Explosives
at Pressures of up to 22,000 kg/cm²

PERIODICAL: Zhurnal fizicheskoy khimii, 1960, Vol. 34, No. 11,
pp. 2454 - 2459

TEXT: The authors were the first to study the compressibility of trotyl,
TEN (tetrannitropentaerythrite), and Hexogen at 18°C and pressures up to
22,000 kg/cm². For this purpose an apparatus was used whose piezometer is
shown in Fig. 1; it was designed at the Institut fiziki vysokikh davleniy
AN SSSR (Institute of High-pressure Physics of the AS USSR). Sample 14
(0.4 - 0.5 cm high, 0.53 cm in diameter) is enclosed in a lead cover 13,
and is compressed between the pressure pistons 5 and 8 in the channel 6 of
the piezometer (0.6 cm in diameter). The pressure P is produced by a
hydraulic press and transmitted to 5 and 8 by means of the steel bars 3 and

Card 1/9

86780

ZVEREV, Ivan Andreyevich, stragal'chik; MOKROUsov, Ivan Ivanovich, rastechnik; DEMICHENKA, D.M., redakteur; KIRSIKOV, T.I., tekhnicheskiy redakteur.

[Work practice with planing and boring machines] Opyt raboty na stragal'nem i rastechnom stankakh. Moskva, Izd-vo VTsSPS Presidiat, (MLR 9:4) 1955. 95 p.

1.Voronezhskiy machinostroitel'nyy zavod imeni Kalinina (for Zverev, Mokrousov).
(Planing machines) (Drilling and boring machinery)

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MOKROUSOV, B. P.

Specific therapy of hepatic amebiasis. Soviet med. No. 11,
Nov. 50, p. 33

1. Of the Department of Infectious Diseases (Head -- Prof.
G. S. Dem'yanov), Kuban' Medical Institute.

CLML 20, 3, March 1951

MOXROUSOV, A.F., mekhanik puteukladchika

Track equipment needs good care. Put' i put.khoz. 5 no.7:25
J1 '61. (MIRA 14:8)

1. Stantsiya Loo, Severo-Kavkazskoy dorogi.
(Railroads—Equipment and supplies)

SOLOV'YEV, Pavel Mikhaylovich; MOKROUSOV, A.A., retsenment;
KOROLEVA, T.I., red.izd-va; PIROKUDA, T.G., tekhn.red.;
LAVRENT'YEVA, L.G., tekhn. red.

[Means for the individual protection of miners] Sredstva
individual'noi zashchity shahterov. Moskva, Izd-vo
"Nedra," 1964. 123 p. (MIRA 17:4)

MOKROUS, Ya. (g. Nikopol')

Use of twelve channel PTK adapters in "Avangard-55," "Yenisey," and
"Znamia" television receivers. Radio no. 3:49 Mr. '60.

(MIRA 13:6)

(Television--Receivers and reception)

YAKIMOV, A.V., dotsent; KAZIMIRCHIK, Yu.A., inzh.; MOKROUS, M.F., inzh.

Evaluating industrial methods for determining the rigidity of
machine tools. Izv.vys.ucheb.zav.; mashinostr. no.2:189-194
'62. (MIRA 15:5)

i. Zaporozhskiy mashinostroitel'nyy institut.
(Machine tools--Testing)

BOLEVSKIY, A.S., kand.biolog.nauk; MOKROTOVAROV, S.P.

Method for exterminating the covered smut of barley. Zashch.
rastenij ot vred. i bol. 6 no.9:23-24 S '61. (MIRA 16:5)

1. Voronezhskaya stantsiya Vsesoyuznogo instituta zemchchity
rasteniy.

(Barley--Diseases and pests) (Smuts)

MOKROSZ, Rudolf, mgr inz.

The process of formation of mining damages. Przegl gorn 20
no.9:451-453 S '64.

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MOKROSZ, Fryk, dipl. in g. (Poland)

Electric power voltage standardization in the field of
chemical industries. Ipari energia 5 no.3;67 M '64.

MOKROSZ, Eryk

Development of graphitization of electrodes. Przem chem 39 no.9:
558-562 3 '60.

1. Zaklady Azotowe im. P. Fidlera, Chorzow

MOKROZ, E.

Electrothermics in the chemical industry. p. 11.

PREZEGIAD ELEKTROTECHNICZNY. (Stowarzyszenie Elektrotechniczne) Warsaw, Poland, Vol. 35, no. 2, Feb. 1971.

Monthly List of East European Acquisitions (EEA), LC, Vol. 1, no. 1, Jan. 1970.

Uncl.

MOKROSZ, E.

"Electric machines and drives in the chemical industry." p. 82. (Przegląd Elektrotechniczny
Vol. 30, no. 2, Feb 54, Warszawa)

SO: Monthly List of East European Accessions, Vol 3 No 6 Library of Congress Jun 54 Incl

PISARENKO, G.A.; RADYA, V.S.; GEROTSKIY, V.A.; BLIKANOV, A.A.; MOKRONOSOV, Ye.
D.; YEFREMOV, P.N.; BORSCHER, L.B.; YEFIMOV, I.Z.; MYKOL'NTKOV, A.A.;
BATALOV, A.N.; TSEPOVA, M.N.

Casting magnesium cast iron into a chill with a metal core. Stal'
(MIRA 18:1)
24 no.7:607-610 Jl '64.

1. Ural'skiy nauchno-issledovatel'skiy institut chernykh metallov,
Lys'venskiy i Severskiy metallurgicheskiye zavody i Nizhne-Tagil'skiy
metallurgicheskiy kombinat.

SOV/137-58-12-21053
Translation from: Referativnyy zhurnal Metallurgiya, 1958, Nr 12, p 20 (USSR)

AUTHORS: Diyev, N. P., Okunev, A. I., Paduchev, V. V., Toporova, V. V., Mokronosov, V. S.

TITLE: Sulfur Monoxide as an Intermediate Product in the Oxidation of Certain Sulfides (Monooksis sery kak promezhutochnyy produkt okisleniya nekotorykh sul fidov)

PERIODICAL: Tr 'n-ta metallurgii, Ural'skiy fil. AN SSSR, 1957, Nr 1, pp 17-21

ABSTRACT: The presence of SO as an intermediate product in sulfide oxidation is discovered by photometry of the absorption spectrum of a gas containing the oxidation products of Fe, Cu, and Zn sulfides, and also by the Schenck method, with a 3-4 ml/sec flow of roasting gases. SO is a reactant stimulating the oxidation of sulfide and facilitating formation of nascent oxygen. Thermodynamic analysis of the processes of ZnS oxidation, with formation and decomposition of SO, also indicates the probability of the following reactions: $\text{MeS} + \frac{1}{2}\text{O}_2 \rightarrow \text{MeO} + \text{SO}$; $2\text{SO} + \text{S} + \text{O}_2 \rightarrow \text{SO}_2 + \text{SO} + \text{O}$

Card 1/1

G. F.

MOKRANOSOV, V. S.

USSR/ Inorganic Chemistry. Complex Compounds

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 11434

Author : Diyev N.P., Okunev A.I., Paduchev V.V., Toporova V.V., Mokranosov V.S.
Inst : Academy of Sciences USSR
Title : Sulfur Monoxide as an Intermediate Product of Oxidation of Some Sulfides

Orig Pub : Dokl. AN SSSR, 1956, 107, No 2, 273-275

Abstract : To provide a qualitative characteristic of roasting gases and ascertain the presence therein of the intermediately formed SO an investigation was made of the absorption spectrum of gas containing the products of oxidation of CuS, FeS and ZnS, at 700-1000°, with oxygen (use was made of a mixture $O_2 + N_2$ containing up to 3% O_2), and experiments were also carried out on recovery from the oxidation products of a red-orange precipitate on the walls of traps cooled with liquid nitrogen. (Schenk P.W., Platz H., Z. anorgan. und allgem. Chem., 1933, 211, 150). With a rate of flow of roasting gases equal to 3-4 ml/sec., SO bands having absorption maxima 3041, 3077, 3115, 3153, 3194 and 3234 Å, were detected. With a gas velocity of < 2 ml/sec the SO absorption bands are absent which the author attribute to a rapid decomposition of SO at high temperature. Determination of SO according to the method of Schenk also yielded positive results.

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NOVEMBER, 1962. ATTACHED, 61.

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MOKHOM'GOV, A.T.; MAURITZOV, R.I.

Effect of photochemical induction on the dark fixation of CO₂ by potato leaves. Dokl. Akad. Nauk SSSR 160: 111-114 (1965).

Ural'skiy gosudarstvennyy universitet im. A.M. Gorkogo. Submitted May 23, 1965.

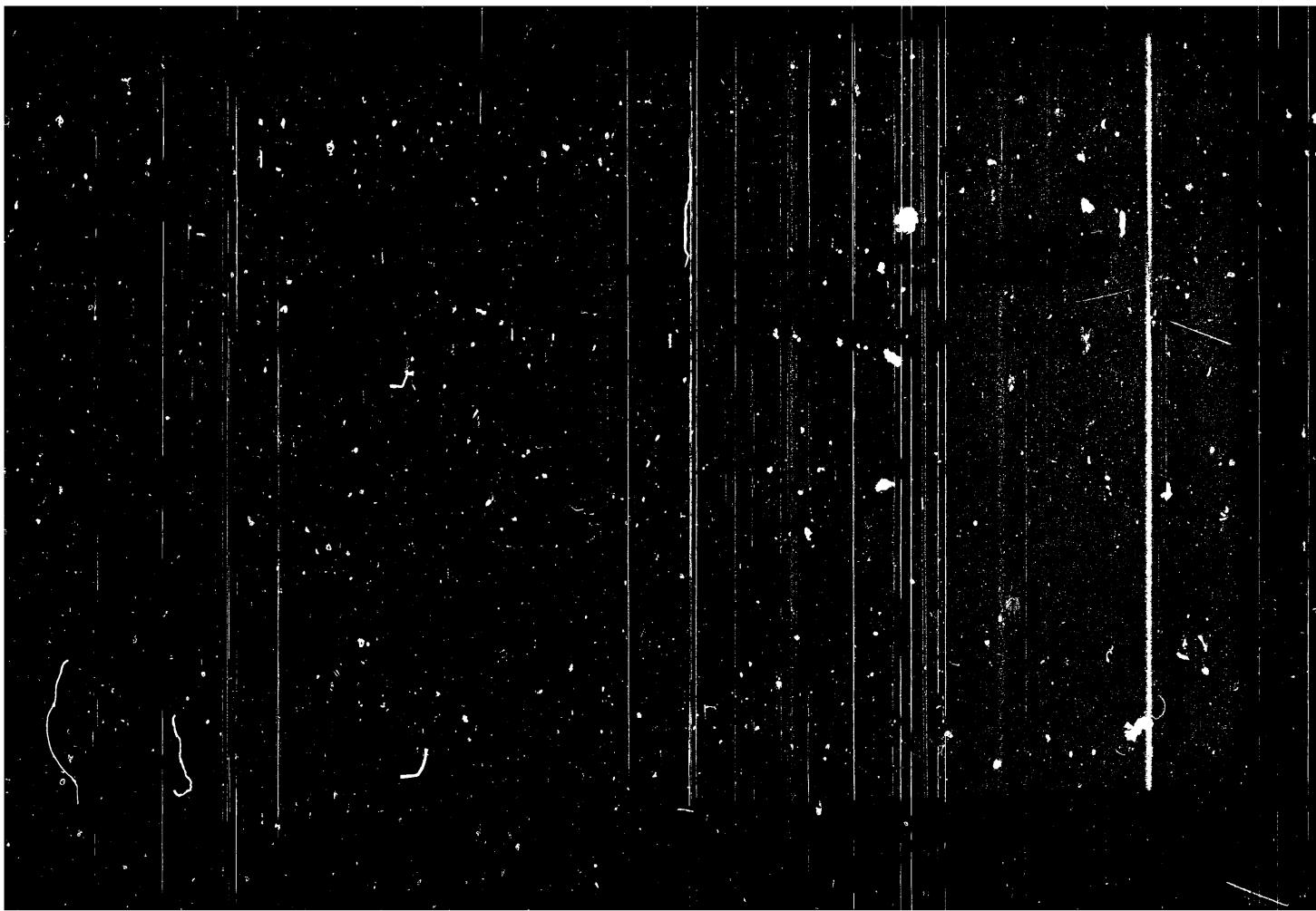
MOKRANOV, A.T.

Interrelations of photosynthesis and dark fixation of CO₂ in
the carbon nutrition of plants. Bot. zhurn. 49 no. 1 p. 35-40
1964
(MIRA 1783)

1. Ural'skiy Gosudarstvennyy Universitet imeni A.M. Gor'kogo,
Sverdlovsk.

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1. Ural'skiy gosudars'tvennyy universitet im. A.M.Gor'kogo, Predstavлено
akademikom A.L.Kursenovym.

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GORCHAKOVSKIY, P.L.; MOKRONOSOV, A.T.

Activities of the Sverdlovsk branch of the All-Union Botanical Society
in 1957-1962. Bot.shur. 48 no.2:308-309 F '63. (MIRA 16:4)

1. Institut biologii Ural'skogo filiala AN SSSR i Ural'skiy
gosudarstvennyy universitet.

(Sverdlovsk—Botanical societies)

MIRKOVIC, A.T.; MIKHAYLOVA, T.

CO_2 fixation by potato leaves in the dark. Dokl. AN SSSR 147
no. 5:1226-1229 D '62. (MIRA 16:2)

1. Ural'skiy gosudarstvenny universitet im. A.M. Gor'kogo.
Predstavleno akademikom A.A. Kursanovym.
(Carbon dioxide) (Plants--Assimilation)

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MOKRONOSOV, A.T.

Carbon nutrition as a factor in the ontogenesis and yield of potatoes.
Bot. zhur. 47 no.9:1233-1243 8 '62. (MIRA 16:5)

1. Ural'skiy gosudarstvennyy universitet imeni A.M.Gor'kogo
(Carbon--Isotopes) (Potatoes)

MOGRONOSOV, A.T.; BUBENSHCHIKOVA, N.K.

Translocation of assimilates in potatoes. Fiziol.rast. 8
no.5:560-568 '61. (MIRA 14:10)

1. Gorky Ural State University, Sverdlovsk.
(Plants, Motion of fluids in)

NOVRONOV, A.T.

Photoperiodic reaction in the cultivated potato plant. Bot. zhur.
45 no.11:1645-1653 N '60. (MIRA 13:11)

Ural'skiy gosudarstvennyy universitet imeni A.M. Gor'kogo, Sverdlovsk.
(Potatoes) (Photoperiodism)

On the Problem of the Role of the Dark and Light SOV/20-127-4-56/60
Period of Night and Day in the Photoperiodic
Reaction of the Potato

natural of the latitude of Sverdlovsk; 2) a short 10-hour day;
3) a short day with 20 minutes darkness in the middle of the
day; 4) a short day with 20 minutes illumination during the
night. Perilla and Salat reacted in the same way they did with
other scientists (Refs 4,5,10,11). Table 1 shows that during
the short day the tubers of Solanum were formed 47 - 56 days
later than during the long day (Fig 1). The 5 - 7-day accelera-
tion of the tuber-formation of S.tuberosum varieties during
the short day is completely reduced by a 20 minute illumina-
tion during the night (similar to S.demissum) (Fig 2). The
darkness reactions must not be interrupted and cannot be summed
up. There are 2 figures, 2 tables, and 15 references, 7 of
which are Soviet.

ASSOCIATION: Ural'skiy gosudarstvennyy universitet im. A. M. Gor'kogo
(Ural State University imeni A. M. Gor'kogo)

PRESENTED: April 3, 1959, by A. L. Kursanov, Academician

SUBMITTED: April 2, 1959
Card 3/3

On the Problem of the Role of the Dark and Light SV/20-127-4 56/60
Period of Night and Day in the Photoperiodic
Reaction of the Potato

tive reproduction it was interesting to investigate e.g. the problem mentioned in the title with regard to the importance of the two periods for the formation of tubers, bulbs, vegetative buds, and other organs. The authors introduced dark intervals in the light period of the day and light intervals in the dark period. Then they investigated their effect on the development of the potato, and especially on tuber formation. As is known, many uncultivated potato species form tubers only during the short day. Cultivated potato species, however, accelerate tuber-formation during the short day (Ref 13). Although the potato plant is a short-day plant on account of this characteristic the assumption is widespread that it belongs to long-day plants on account of its blooming (Refs 13, 14). According to some data (Ref 15) the short day is favorable for generative development. In the years 1957 and 1958 experiments were made with the varieties Lorch and Berlichingen (*Solanum tuberosum*) and *Solanum demissum*. Typical objects of photoperiodic investigations were used for comparison; Petals and Salat (*Lactuca sativa*). The variants were: 1) a long day

17 (4), 30 (1)

AUTHORS: Mokronosov, A. T., Lundina, T. N. SOV/20 127-4-56/60

TITLE: On the Problem of the Role of the Dark and Light Period of Night and Day in the Photoperiodic Reaction of the Potato

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 127, Nr 4, pp 924-927 (USSR)

ABSTRACT: Recently, the idea has been accepted that the photoperiodic reaction of short-day plants consists of light and darkness reactions which proceed subsequently and are coupled (Ref 1). The former are connected with photosynthesis (Refs 2-4) and depend on the intensity of light and its spectral composition. The latter depend on dissimilation (Ref 1), the presence of CO₂, temperature, and the oxygen content of the air (Refs 5-8). The durability and continuity of the darkness reactions are specific properties. It was proved (Refs 5,9,10) that short-day plants need at least a 6-9-hour period of darkness for blooming. In all papers mentioned here the durability and continuity of the darkness reactions were proved by plants which propagate by means of seed. Since the propagation of many short-day plants is carried out by means of specialized organs of vegeta

MOKHONOV, A.T.; IVANOVA, L.V.; ZOL'NIKOV, V.P.

Amino acid synthesis in potato tubers at various times during
a 24-hour period and under different photoperiodic conditions.
Fisiol.rast., 6 no.2:158-164 Mr-Ap '59. (MIRA 12:5)

1. Department of Plant Physiology, A.M. Gorkiy Ural State University,
Sverdlovsk.
(Potatoes) (Amino acid metabolism)

MOKRONOSOV, A.T.

COUNTRY USSR

CITY/STATE Gomel'yej Plants, Petropav. Venetches,

Community,

BORN 1914, DECEMBER 10, PLACE OF BIRTH USSR, Belarus,

EDUCATION Secondary school, graduated 1939, Major in Physics.

EMPLOYMENT Worked in Gomel'yej Plants, Petropav. Venetches, Community, 1939-1941.

RECENT HISTORY Worked in Gomel'yej Plants, Petropav. Venetches, Community, 1941-1945.

RECENT HISTORY Worked in Gomel'yej Plants, Petropav. Venetches, Community, 1945-1950.

RECENT HISTORY Worked in Gomel'yej Plants, Petropav. Venetches, Community, 1950-1952.

RECENT HISTORY Worked in Gomel'yej Plants, Petropav. Venetches, Community, 1952-1954.

RECENT HISTORY Worked in Gomel'yej Plants, Petropav. Venetches, Community, 1954-1956.

RECENT HISTORY Worked in Gomel'yej Plants, Petropav. Venetches, Community, 1956-1958.

RECENT HISTORY Worked in Gomel'yej Plants, Petropav. Venetches, Community, 1958-1960.

RECENT HISTORY Worked in Gomel'yej Plants, Petropav. Venetches, Community, 1960-1962.

RECENT HISTORY Worked in Gomel'yej Plants, Petropav. Venetches, Community, 1962-1964.

RECENT HISTORY Worked in Gomel'yej Plants, Petropav. Venetches, Community, 1964-1966.

RECENT HISTORY Worked in Gomel'yej Plants, Petropav. Venetches, Community, 1966-1968.

RECENT HISTORY Worked in Gomel'yej Plants, Petropav. Venetches, Community, 1968-1970.

RECENT HISTORY Worked in Gomel'yej Plants, Petropav. Venetches, Community, 1970-1972.

RECENT HISTORY Worked in Gomel'yej Plants, Petropav. Venetches, Community, 1972-1974.

RECENT HISTORY Worked in Gomel'yej Plants, Petropav. Venetches, Community, 1974-1976.

RECENT HISTORY Worked in Gomel'yej Plants, Petropav. Venetches, Community, 1976-1978.

RECENT HISTORY Worked in Gomel'yej Plants, Petropav. Venetches, Community, 1978-1980.

MOKRONOSOV, A. T.,

"Physiology of Tuber Formation in Potato Plant." (Dissertation for Degree of Candidate of Biological Science) Min Higher Education USSR, Ural State U imeni A. N. Gor'kiy, Chair of Physiology of Plants, Sverdlovsk, 1955

SO: M-1036 28 Mar 56

PADEYEV, Yu.K.; MOKROGUZOV, I.F.

Device for removing bottom boxes. Sbor. rates. predl. vnedr.
(MIRA 14:7)
v proizv. no. 2:67-68 '61.

1. Magnitogorskiy metallurgicheskiy kombinat.
(Machine-shop practice)

STAMOV-VITKOVSKIY, A. (Moskva); MOSHCHAKOV, V. (Moskva); GETSOV, G. (Moskva)
BYUNOSOV, Yu. (Tyumen'); GOMZOV, V. (Orenburg); MAKHOTIN, A. (Moskva)
KHAYMOV, B.; MAL'TSEV, N. (Orel); MAKSIMOV, D. (Leningrad);
MEKBORODOV, V. (Sverdlovsk)

Advice from the experienced. Za nul. 19 no.12:18-20 D '61.
(MIRA 14:12)

1. Stantsiya Perlovskaya, Moskovskaya obl. (for Khaymov).
(Motor vehicles—Maintenance and repair)

ACC NR: AP7001083

Domestic mice also demonstrated efficient temperature regulation during the summer (the only time they were observed). Like voles, mice were resistant to cooling but sensitive to air temperatures above 30C. In spite of differences in their food, voles and mice show similar adaptive characteristics in this environment, and can be considered together.

[WA-50; CBE No. 14]
[JS]

SUB CODE: 06,04 / SUBM DATE: none / ORIG REF: 006

Cord 2/2

ACC NR: AP7001083 (A,N) SOURCE CODE: UR/0439/66/045/003/0447/0451

AUTHOR: Mokriyevich, N. A.

ORG: All-Union Scientific Research Antiplague Institute "Microbe,"
Saratov (Vsesoyuznyy nauchno-issledovatel'skiy protivochumnyy institut
"Mikrob")

TITLE: Ecological and physiological characteristics of common voles
(*Microtus arvalis* Pall.) and domestic mice (*Mus musculus* L.) in the
Volga-Ural sands

SOURCE: Zoologicheskiy zhurnal, v. 45, no. 3, 1966, 447-451

TOPIC TAGS: animal physiology, biologic ecology, animal experiment,
mouse, ~~rodent~~, DIURNAL VARIATION

ABSTRACT: Physiological reactions of common voles and domestic mice
to environmental changes were studied in the Volga-Ural sands, an area
with wide annual and diurnal temperature variations. The study showed
that common voles have well-developed thermoregulatory mechanisms; they
are resistant to cooling but sensitive to high air temperatures (crit-
ical temperatures vary from 25°C in January to 35°C in October). Sea-
sonal patterns in metabolism and blood indices were also observed.

Card 1/2

UDC: 599.323.4:591.5+591.1(574.12)

MOKRIEVICH, N.A.

Diurnal periodicity of oxygen requirement and body temperature fluctuations in *Meriones meridionalis* Pall. and *M. tamariscinus* Pall. and lesser susliks (*Citellus pygmaeus* Pall.) Volga-Ural sands. *Zool. zhurn.*, 44 no.6:945-948 '65.

(MIRA 18:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy protivechumnyy institut
"Mikrob", Saratov.

MOKRIYEVICH, N.A.

Ecological and physiological characteristics of *Cacotela evanescens* Br. and *Cricetulus migratorius* Pall. in the Volga-Ural sands. Biol. zhur. 44 no.5:754-758 '65. (AFKA 18:6)

I. Ural'skaya protivochumnaya stantsiya Ministerstva zdravookhraneniya SSSR.

MORIYEVICH, N.A.

Effect of environmental temperature and food moisture on the
gerbils Meriones meridianus Pall. and M. tamariscinus Pall.
Zool. zhur. 41 no.10:1585-1587 O '62. (MIRA 15:12)

1. Anti-Plague Station of Ural.
(Volga-Ural region—Gerbils)

IGNATOVICH, G.M., kand.sel'skokhoz.nauk; MOKRIYEVICH, G.L., kand.sel'skokhoz.
nauk

Zinc increases the disease resistance and yield of corn. Zashch.
rast.ot vred.i bol. 7 no.4:35-36 Ap '62. (MIRA 15:12)

1. Donskoy sel'skokhozyaystvennyy institut, st. Persianovka,
Rostovskoy obl.

(Rostov Province--Corn (Maize)--Disease and pest resistance)
(Plants, Effect of zinc on)

P

MOKRIYEVICH, G., kand. sel'skokhozyaystvennykh nauk; IGNATOVICH, G., kand.
sel'skokhozyaystvennykh nauk

"Glass" fertilizers. Nauka i zhizn' 27 no.5:77-78 My '60.
(MIRA 13:6)

1. Azovo-Chernomorskiy sel'skokhozyaystvennyy institut,
Rostovskaya oblast'.
(Fertilizers and manures)

Q. Q. Y.: 0569
S. T. C.: ~~GENERAL & SEC. ZOOLOGY, INSECTS~~ • Mammal Insects
and Molluscs.

Ans. 16187: Left: Four - Leptodeira septentrionalis, 7670

Author: R. G. L.; Tenatawitz, R.M.; Motriayev, R.

Title: Notes on the biology of Nicotiana tabacum.

Abstract: The biology of Nicotiana tabacum L. in the Soviet Union.

Q. Q. P. 16187: Q. Q. Y.: 0569; Author: R. G. L.; Topic: Nicotiana tabacum L.

Ans. 16187: In 1957, 1958, and 1960, the corn was affected by various diseases. Most frequently at first scale. In 1958, 10% of the plants were affected. Due to the rapid growth, the corn took part in all the damage. Primary damage to the leaves caused retardation of growth and deformation of the plant. Among the types of damage to corn, especially common is irregular, loop-shaped leaf distribution, as a result of which

CARD: 1/1

MOKRIYEVICH, G. L.

Mokriyevich, G. L. -- "Methods of Fertilizing Spring Wheat in the Turf Peat Soil under the Conditions of the Moscow Oblast." All-Union Order of Lenin Medal of Agricultural Sci imeni V. I. Lenin, All-Union Sci Res Inst of Fertilizers, Mineral Salts, and Agricultural Soil Science, Moscow, 1955 (Dissertation for the degree of Candidate in Agricultural Sciences)

SU: Knizhnaya Letopis', No. 24, Moscow, Jun 55, pp 91-104

MOKRIY, F.Y., veterinarnyy vrach; GRITSYUTA, I.Ye., veterinarnyy vrach;
KUSHNIR, G.G., veterinarnyy vrach

Gastreenteritis in swine. Veterinariia 36 no.4:58-59 Ap '59.
(MIRA 12:7)

1. Dnepropetrevskaya mezhevkheznaya vетbakklerateriya (for
Mokriy, Gritsyuta). 2. Sovkhez "Gernyak" (for Kushnir).
(Swine--Diseases and pests) (Gastreenteritis)

MOKRIY, F.O.: TOMSHINSKIY, I.O.

Practices in controlling sterility in cows. Veterinariya SSSR no. 10:66-67 0 164.

1. Glavnyy veterinarnyy vrach Dnepropetrovskogo treteks sovkhozov (for Mokriy). 2. Glavnyy veterinarnyy vrach sovkhoza "Nizhnechernye provodki" Dnepropetrovskoy oblasti (for Tomshinsky).

TOLOPKO, D.K.; MOKRIVSKIX, T.M. [Mokrivskyi, T.M.]; YURZHENKO, T.I.; PYRIG,
Ya.M. [Pyrih, I.A.M.]

Using the continuous method for the production of acryl chloride.
Khim.prom. [Ukr.] no.214-16 Apr-Je '65.

(MIRA 18:6)

MOKRITSKIY, S.I.

K-4

USSR/Forestry - Forest Management.

Abs Jour : Ref Zhur - Biol., No 5, 1958, 20133

Author : Mokritskiy, S.I.

Inst

Title : Forest Management in Moldavia.

Orig Pub : Lesn. Kh-vo, 1957, No 9, 13-20

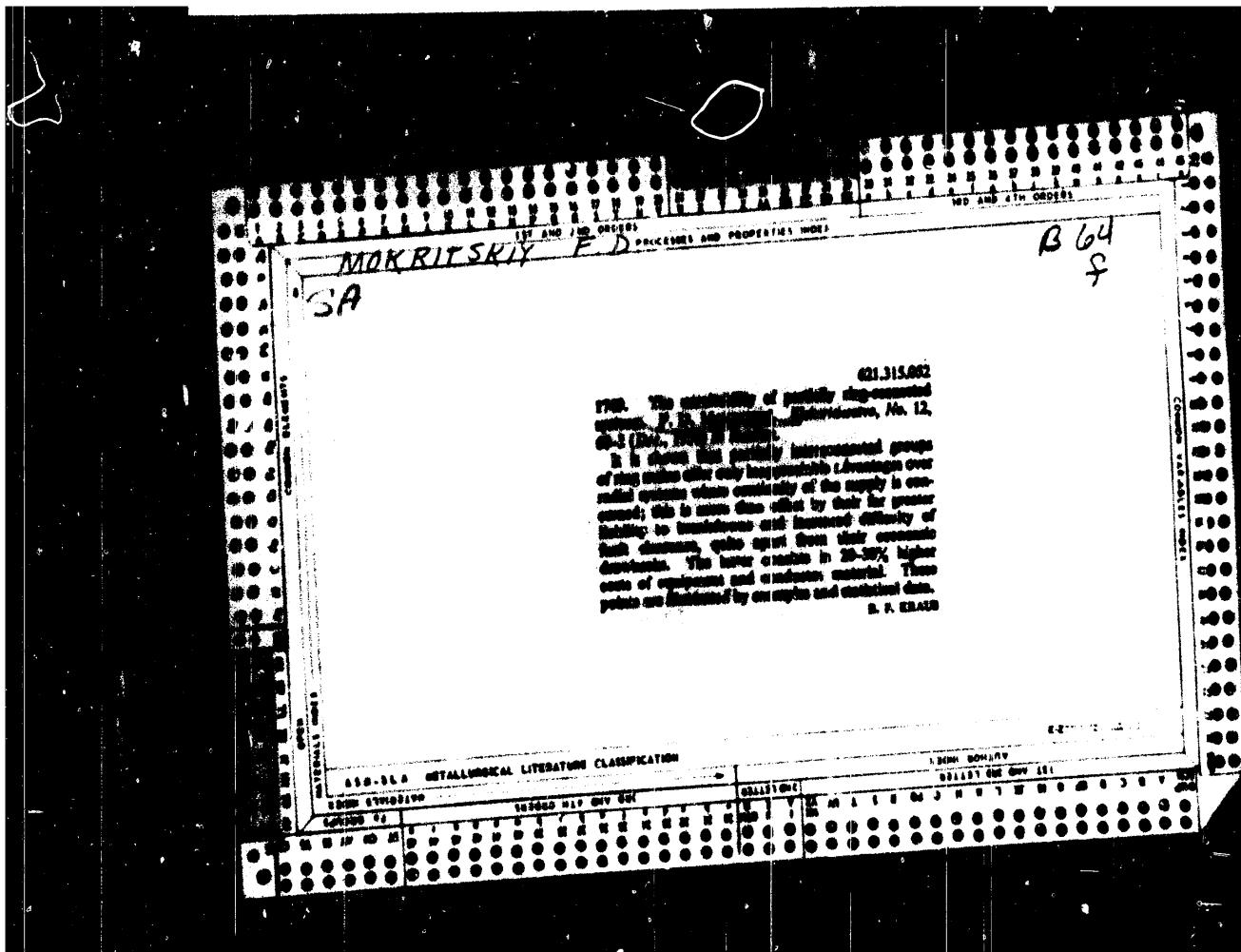
Abstract : No abstract.

Card 1/1

MOKRITSKIY, P.

"Planning" defects. Mes. prom. i khud. promys. 3 no. 8:11
(MIRA 15:10)
Ag '62.

1. Glavnnyy inzh. Zhitomirskogo oblastproma.
(Zhitomir Province--Industrial management)



MOKRITSKAYA, M.S. (Leningrad)

Specialization of rust on different species and varieties of
Rosa L. in Leningrad Province. Bot. zhur. 44 no.6:830-836
Je '59. (MIHA 12:11)

(Leningrad Province--Rusts (Fungi))
(Roses--Diseases and pests)

MOKRITSKAYA, M.S.

On the species *Phragmidium subcorticium* (Schr.) Bot. zhur. 44 no.3:
386-389 Mr '59. (MIRA 12:7)
(Leningrad Province--Rusts (Fungi))
(Roses--Diseases and pests)

MOKRITSKAYA, M.S.

Rust of roses in Leningrad Province. Biul.Glav.bot.sada
no.32:96-105 '58. (MIRA 12:5)

1. Institut prikladnoy zoologii i fitopatologii Ministerstva
sel'skogo khozyaystva SSSR.
(Leningrad Province--Roses--Diseases and pests) (Rusts (Fungi))

"OKRUTSKAYA, V.S., Cand. Biol. sci -- (diss) "Sole riv."
Len, 1958, 18 pp (Acad. sci USSR, Botanical Inst. im. V.I.
Komarov) 120 copies (KL, 23-58, 14)

URAZOVSKIY, S.S. [deceased]; MOKRITSKAYA, L.P.

Temperature dependence of the dielectric constant of melts of some polymorphic substances in the centimeter range. Ukr.khim.zhur.
28 no.4 487-491 '62. (MIRA 15:8)

1. Khar'kovskiy politekhnicheskiy institut.
(Dielectrics)

NOVOKISHCHEV, K.K.

One class of curves of n-dimensional Euclidean space, which are
analogous to Bertrand curves. Ich. zap. RGU 43 no.6:133-136 '59.

(MIRA 13:10)

(Geometry, Differential)

CHERNYAYEV, M.P.; BARKIN, G.S.; NIKITIN, A.K.; MORISHCHEV, V.I.

Nikolai Mikhailovich Nestorovich; obituary. Usp.mat.nauk 11
no.4:117-118 Jl-Ag '56. (MLA 9:11)
(Nestorovich, Nikolai Mikhailovich, 1891-1955)

KRISHCHEV, K.K.

SUBJECT USSR/MATHEMATICS/Geometry CARD 1/1 PG - 710
AUTHOR MOKRISEV K.K.
TITLE On the solvability of construction problems of second degree in
 the Lobachevskij-plane with the aid of the horo-compass.
PERIODICAL Dopovidi Akad. Nauk Ukrains. RSR 1955, 515-519
 reviewed 4/1957

In the present paper the author proves the solvability of all construction problems of second degree in the Lobachevskij-plane only with the horo compass. On the horo-compass as a mean for the solution of construction problems only the following is assumed: if the horo-cycle is given by its point and a directed axis by means of two of its points, then it can be constructed with the aid of the horo-compass.

In the discussions the inversion transformations with respect to the horo-cycle and the circular line play an essential part.

Postscript: State Univ. of M. M. Tsiolkovskogo

Some curves of Lobachevskian space

1955, No. 500, 100/1, 4-6, Nov. 1, 1955

Some curves of Lobachevskian space are
discussed. Some curves were previously discussed by
V. V. Keldysh. This article gives the assurance that some other
curves of Lobachevskian space can be derived from the
equation of the curve $Ax^2 + Bxy + Cy^2 + Dx + Ey + F = 0$ by
considering the indices of the coordinates A, B, \dots, F according to the
order of the straight line α with respect to the main index of " α ".
(The number of references: 2 U.S., 2 Italian, 3 German, 1 French (1850-
1851).)

Author: M. M. Rabinovitz, Moscow State University

Editor: Academician P. S. Aleksandrov, November 1, 1954

MOKRISHCHEV, K. K.

21 Jul 53

USSR/Mathematics - Siermannian

"Solvability of Second-Degree Construction Problems in the Lobachevskian plane by Hypercompass or by Compass and Oricompass," K.K. Mokrishchev, Rostov State U in Molotov

DAN USSR, Vol 91, No 3, pp 453-456

Demonstrates that problems of geometrically constructing second-degree figures in a Lobachevskian plane can be solved with the aid of just one hypercompass, and also with the joint aid of compass and oricompass; thus generalizes the specialized results of A. S. Smogorzhevskiy (Nauk Zap Kiiv's'k Derzh Un-ta Sci Notes of Kiev State U), 7, 4, 151 (1948), and V. V. Logachenko, DAN USSR, 88, No 4 (1953). References (1951) of V.F. Kagan and N.M. Nesterovich on geometric constructions. Presented by Acad I. N. Kolmogorov 21 May 53.

262T61

LYADKIN, V.Ya.; MOKRISHCHEV, E.P.

Certain gas-hydrodynamic investigations using electric models.
(MIFI A 17417)
Gaz. delo no.6/7:81-85 '63.

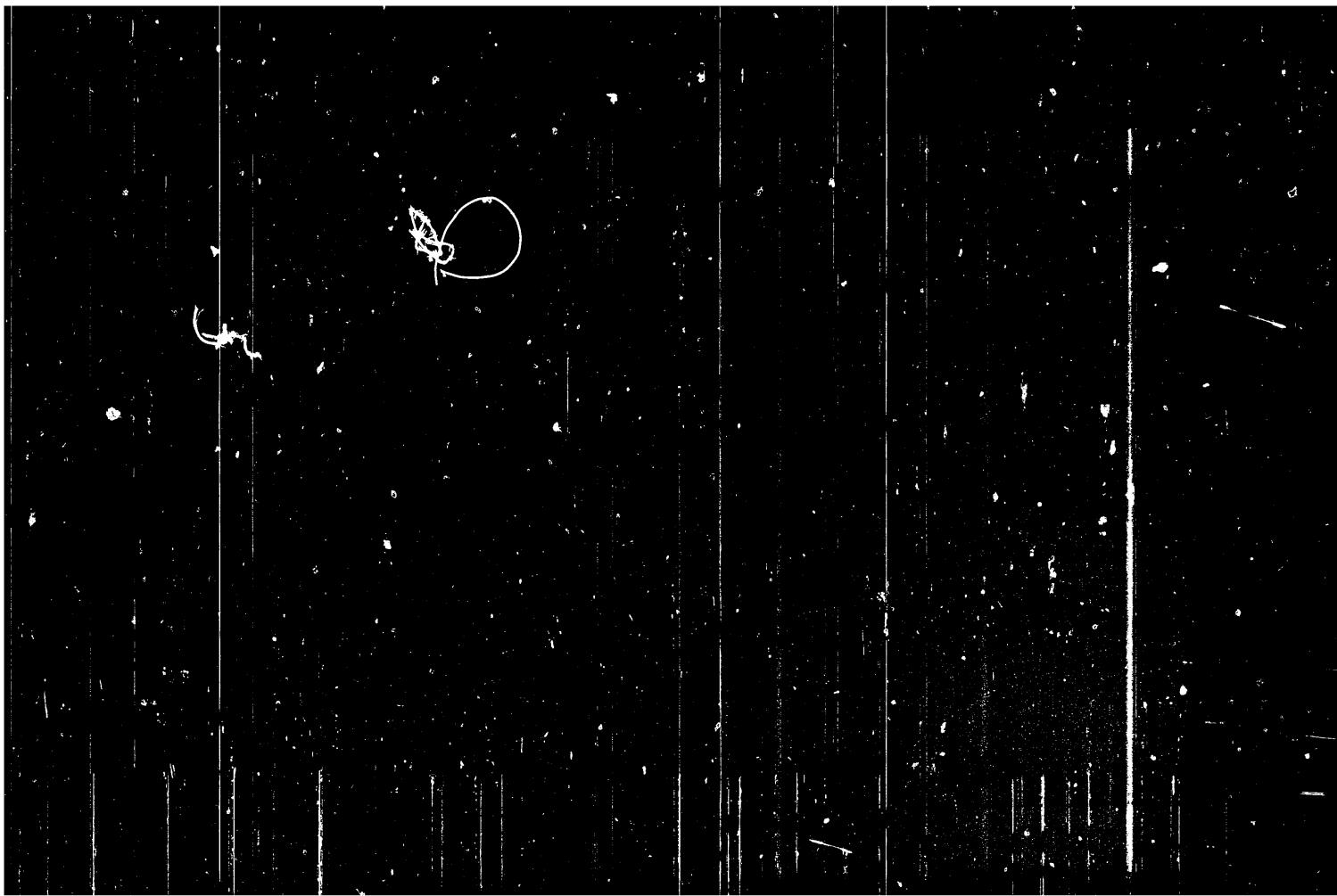
1. Krasnodarskiy filial Vsesoyuznogo neitegazovogo nauchno-
issledovatel'skogo instituta.

SHMYGLYA, P.T.; VASIL'Yeva, L.I.; MOKRUSHCHEV, I.P.; RADONISHIN, G.V.

Present status of the development of gas-condensate fields
in Krasnodar Territory. Gaz. de 16-27. 1973.
(MERA 173D)

1. Krasnodarskiy filial Vsesoyuznogo naftogazovogo nauchno-
issledovatel'skogo instituta.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900001-6



APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900001-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900001-6

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900001-6
MOKRINSKIY, V.V.

Map of the Lower Mesozoic coal bearing provinces of the U.S.S.R.
Mat. Tem. kom. no.1:13-27 '61. (MIRA 17:2)

1. Laboratoriya geologii uglya AN SSSR.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900001-6

MORINSKII, V.V.

General maps of coal accumulation (1:10,000,000 scale), their
compilation and prediction importance. Biul. MGIIP. Otd.geol. 37
no.4:128-129 Ju-Ag '62. (MIRA 16:5)
(Coal geology—Maps)

VOLKOVA, I.B.; MALIVKIN, D.V.; SLATVINSKAYA, Ye.A.; BOGOMAZOV, V.M.;
GAVRILOVA, O.I.; GUREVICH, A.B.; MUDROV, A.M.; NIKOL'SKIY, V.M.;
OSHURKOVA, M.V.; PETRENKO, A.A.; POGREBITSKIY, Ye.O.; RITENBERG,
M.I.; BOCHKOVSKIY, F.A.; KIM, N.G.; LUSHCHIKHIN, G.M.; LYUBER,
A.A.; MAMEDONTSOV, A.V.; SENDERZON, E.M.; SINITSYN, V.M.; SHORIN,
V.P.; BELYANKIN, L.F.; VAL'TS, I.E.; VLASOV, V.M.; ISHINA, T.A.;
KONIVETS, V.I.; MARKOVICH, Ye.M.; MOKRINSKIY, V.V.; PROSVIRYAKOVA,
Z.P.; RADCHENKO, O.A.; SEMERIKOV, A.A.; FADDEYEVA, Z.I.; BUTOVA,
Ye.P.; VERBITSKAYA, Z.I.; DZENS-LITOVSAYA, O.A.; DUBAR', G.P.;
IVANOV, N.V.; KARPOV, N.F.; KOLESNIKOV, Ch.M.; NEFED'YEV, L.P.;
POPOV, G.G.; SHTEMP'L', B.M.; KIRYUMOV, V.V.; LAVROV, V.V.;
SAL'NIKOV, B.A.; MONAKHOVA, L.P. [deceased]; MURATOV, M.V.;
GORSKIY, I.I., glav. red.; GUSEV, A.I., red.; MOLCHANOV, I.I.,
red.; TYZHNOV, A.V., red.; SHABAROV, N.V., red.; YAVORSKIY, V.I.,
red.; REYKHERT, L.A., red. izd-va; ZAMARAYEVA, R.A., tekhn. red.

[Atlas of maps of coal deposits of the U.S.S.R.]Atlas kart ugle-
nakopleniya na territorii SSSR. Glav. red. I.I.Gorskii. Zam.
glav. red. V.V.Mokrinskii. Chleny red. kollegii: F.A.Bochkovskiy
i dr. Moskva, Izd-vo Akad. nauk SSSR, 1962. 17 p.
(MIRA 16:3)

1. Akademiya nauk SSSR. Laboratoriya geologii uglya. 2. Chlen-
korrespondent Akademii nauk SSSR (for Muratov).
(Coal geology—Maps)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R001134900001-6

MORINISKIY, V.V.; SHARUDO, I.I.

Seventh conference on "Distribution of coal in the earth's crust." Sov. geol. 3 no. 9:152-154 S '60. (MIRA 13:11)

1. Laboratoriya geologii ugliya AM SSSR.
(Coal geology)

MOKRINSKIY, V.V.

Characteristics of the distribution of lower Mesozoic coal-bearing sediments in the U.S.S.R. Znak. resm. polezn. iskop.
3:189-202 '60. (MIRA 14:11)

1. Laboratoriya geologii ugliya AN SSSR.
(Coal geology)

Origin of Structural Forms (Cont.)

15-57-4-5082

prospecting for coal, the strata will need to be traced by actual mining operations. Drilling alone may not give an accurate picture of the thickness and structure of the coal strata in this area.
Card 3/3

Ye. C. P.

15-57-4-5082

Origin of Structural Forms (Cont.)

composed of two coal-bearing series: a Cambrian and a Jurassic. A flexure began to form in the southern part of the Aldan shield in the Mesozoic; Jurassic alluvial coal-bearing sediments formed in this flexure. The structures and faults of the Jurassic formed after accumulation of the coal-bearing series. They originated as a result of reactivated movements along ancient faults in the Pre-cambrian substructure of the Aldan shield. These movements produced the step-like breakdown of the substructure and deformed the Jurassic series covering it. This activity resulted in faults and folds of both the first order (smooth, flat anticlines and synclines) and of the second order (steep, asymmetrical anticlines and synclines). Layers of plastic rocks such as coal became displaced. This displacement of coal strata led to pronounced changes in their thickness and structure. Moreover, the coal substance was broken and abraded. These alterations extended to the microscopic structure of the coal. Complex deformations of coal strata of the Southern Yakutsk region should be considered in exploration and in mining operations. In Card 2/3

15-57-4-5082
Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 4,
p 145 (USSR)

AUTHOR: Mokrinskiy, V. V.

TITLE: Origin of Structural Forms in the Coal-Bearing
Sediments of Southern Yakutsk ASSR (Osobennosti
protsessov obrazovaniya strukturnykh form v ugle-
nosnykh osadkakh Yuzhnay Yakutii)

PERIODICAL: Tr. Labor. geol. ugliya AN SSSR, 1956, Nr 6, pp 568-
579

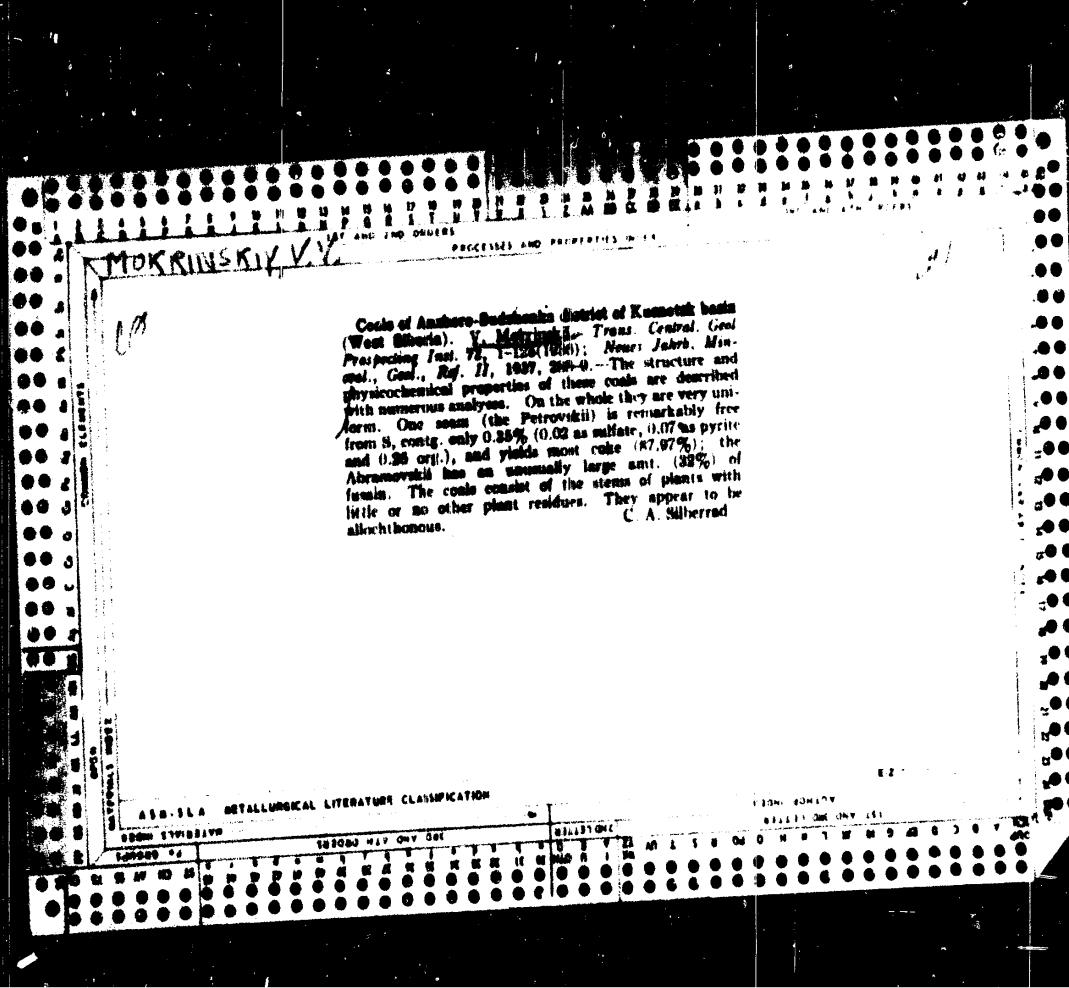
ABSTRACT: The Southern Yakutsk coal-bearing region is characterized by a two-stage structure. The lower stage contains a thick series of Precambrian metamorphic and intrusive rocks. Formations of the upper stage lie on the rocks of the lower stage with sharp angular unconformity and form a covering for the marginal area of the Siberian plateau. The upper stage is

Card 1/3

MOXRINSKIY V. V.
IVANOV, A. A., GOLLOVSKIY, N. N., MOKRINSKIY, V. V., and VOLZOV, A. N.

"The Lake Inder Borates," Problems Soviet Geol., 7, 637-46, 1937.

Secondary borates contg. hydroboracite, columbite, aschurite, pandermite, troyite and ulexite are found in Ternian gypsum. Borate accumulations are richer in the deposits marginal to the halides from which they are derived by selective soln.



MORINSKIY, V., insh.

Building four-row cow barns. Sel'stroi. 9 no.4:5 Jl '54.
(MIRA 13:2)
1. Rayonnnyy otdel po stroitel'stvu v kol'khozakh Safonovskogo
rayona Smolenskoy oblasti.
(Safonovo District - Dairy barns)